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March 18, 2004, 06:50:37; Search time 45 Seconds (without alignments) 1824.196 Million cell updates/sec
                                                                                                                       US-09-787-126-2
1685
1 MRRASRDYTKYLRGSEEMGG......LLDPDQDATYFGAFKVRDID 317
                                                                                                                                                                                                                                                                                                                                                  1049977
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                    Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                               1049977 segs, 258955339 residues
                                                                                                                                                                                                                                                                                                    Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                              OM protein - protein search, using sw model
                                                                                                                                                                                     Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                               Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                                           BLOSUM62
                                                                                                                       Title:
Perfect score:
                                                                                                                                                                          Scoring table:
                                                                                                                                                                                                                                                                                                                                                       Database :
                                                                                                                                                 Sequence:
                                                                                                                                                                                                               Searched:
                                                                        Run on:
```

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query	Query Match Length	9B	QΙ	Description
н	1685	100.0	317	i on	US-09-813-329-7	Sequence 7, Appli
N	1685	100.0	317	σ	US-09-871-856-13	Ę,
m	1685	100.0	317	თ	US-09-877-650-13	13,
4	1685	100.0	317	12	US-10-289-456-79	79,
'n	1685	100.0	317	122	US-10-202-062-22	Sequence 22, Appl
9	1685	100.0	317	14	US-10-218-547-22	Sequence 22, Appl
7	1685	100.0	317	14	US-10-405-878-13	Sequence 13, Appl
œ	1685	100.0	317	14	US-10-167-182-11	Sequence 11, Appl
σ	1685	100.0	317	14	US-10-310-793-28	28
10	1685	100.0	317	15	US-10-460-623-11	ij
11	1422	84.4	270	12	US-10-289-456-80	80
12	1417.5	84.1	316	10	US-09-079-569-7	Sequence 7, Appli
13	1417.5	84.1	316	10	US-09-873-829-4	Sequence 4, Appli
14	1417.5	84.1	316	13	US-10-017-910-4	Sequence 4, Appli
15	1417.5	84.1	316	14	US-10-105-057-2	~

Sequence 19, Appi	5	'n	٦Ì	H	11,	11,	Ħ	7,	Sequence 82, Appl	22	22	1,	17	'n	ď	81	42	22	Sequence 222, App	42	'n	82	22	e 22	16	16	32(	32(	e 103
Sec	Seg	Sed	Sed	Sed	Sedu	Sedu	Seg	Sed	Seg	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Sed	Seg	Sed	Seg	Seg	Sed	Sed	Seg	Seg	Sed	Sed	Sed	Sed
-10-272-411-19	10-272-328A	-10-326-052-	-10-167-182-	10-460-623-	9-871-856-1	US-09-877-650-11	10-40	L0-338-785A	10-289-	10-050-01	10-050-898	10-167-	10-460-623-	19-873-829-	10-017-910-	10-289-456-8	-10-210-9	-10-050-902-22	-10-050-8	-10-211-884-	-10-338-785A-	10-289-45	-10-050-902-2	-10-050-89	-10-167-182-1	-10-460-623-	-10-050-902-32	-10-050-898-32	-10-289-456-1
4 -	4.	14	74	'n		6	4	2	N	4					6		14	14	14	14	15	12	14	14	14	15	14	14	
316	316	316	316	316	294	294	294	250	249	249	249	246	246	245	245	244	244	244	244	244	249	247	247	247	244	244	185	185	187
84.1	4.	84.1				78.7											76.7				67.2	-	-	_					
1417.5		417.						1325	1319	1319	1319	1301	1301	1293	1293	1292	1292	1292	1292	1292	1133	1127	1127	1127	1109	1109	962	962	962
1.0	7 .	18	19	20	21	22	23	24	25	56	27	58	53	90	31	32	33	34	32	36	37	38	ტ ტ	40	41	42	43	44	45

## ALIGNMENTS

	RESULT 1 US-09-0813-129-7 US-09-0813-129-7 Sequence 7, Application US/09813329 Patent No. US2002001268A1 GENERAL INTORMATION: GENERAL INTORMATION: TITLE OF INVERNITON: TITLE OF INVERNITON: Variants Thereof TITLE OF INVERNITON: Variants Thereof CURRENT FILING DATE: CURRENT PILING DATE: CURRENT APPLICATION NUMBER: US/09/813,329 CURRENT FILING DATE: VURBERT FOR SEQ ID NOS: 65 SOFTWARE: NUMBER OF SEQ ID NOS: 65 SOFTWARE: SEQ ID NO 7 LENGTH: 317 TYPE: PRT CORGANISM: Drosophila melanogaster US-09-913-329-7	Query Match 100.0%; Score 1685; DB 9; Length 317; Best Local Similarity 100.0%; Pred. No. 1.3e-155; Matches 317; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	OY I MRRASRDYTKYLRGSEEMGGGPGAPHEGPLHAPPPPABHQPPAASRSMFVALLGLGLGGV 60	OY 61 VCSVALFFYFRAOMDFNRISEDGTHCIVRILRLHENADFQDTTLESQDTKLIPDSCRRIK 120	QY 121 QAFQGAVQKELQHIVGSQHIRAEKAMVDGSWLDLAKRSKLEAQPFAHLTINATDIPSGSH 180 	Qy 181 KVSLSSWYHDRGWAKISNMTFSNGKLIVNQDGFYYLYANICFRHHETSGDLATEYLQLMV 240
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181 KVSLSSWYHDRGWAKISNWTFSNGKLIVNQDGFYYLYANICFRHHETSGDLATEYLQLMV 240
                                                                                      181 KVSLSSWYHDRGWAKISNWIFSNGKLIVNQDGFYYLYANICFRHHETSGDLATEYLQLMV 240
                                                                                                                                                                                                                241 YVTKTSIKIPSSHTLMKGGSTKYWSGNSEFHFYSINVGGFFKLRSGEESIEVSNPSLLD 300
                           241 YVIKTSIKIPSSHTLMKGGSTKYWSGNSEFHFYSINVGGFFKLRSGEBISIEVSNPSLLD 300
121 QAFQGAVQKELQHIVGSQHIRAEKAMVDGSWLDLAKRSKLEAQPFAHLTINATDIPSGSH 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 MRRASRDYTKYLRGSEEMGGGPGAPHEGPLHAPPPPAPHQPPAASRSMFVALLGLGLGQV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MATER OF INVENTION: Ligand for Receptor Activator of NF-kappaB NUMBER OF SEQUENCES: 19 CORRESPONDENCE ADDRESS: Enmunex Corporation, Law Department STREET: 51 University Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 1685; DB 9; Length 317; 100.0%; Pred. No. 1.3e-155; Live 0; Mismatches 0; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: Apple Power Macintosh
OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Power Macintosh 6.0.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 1997-12-22
APPLICATION NUMBER: USSN 08/813,509
FILING DATE: 07 MARCH 1997
APPLICATION NUMBER: USSN 08/772,330
FILING DATE: 23 DECEMBER 1996
ATTORNEY/AGENT INFORMATION:
NAME: PERKINS, PARTICLE Anne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/877,650
FILING DATE: 08-Jun-2001
CLASSIFICATION: «UNKNOWN.»
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGIGTRATION NUMBER: 34,693
REFERENCE/DOCKET NUMBER: 2852-A
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-877-650-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 08/995,659
                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Sequence 13, Application US/09877650
; Patent No. US20020169117A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (206)587-0430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INCE CHARACTERISTICS:
LENGTH: 317 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FELEFAX: (206)233-0644
                                                                                                                                                                                                                                                                                   301 PDODATYFGAFKVRDID 317
                                                                                                                                                                                                                                                                                                                             301 PDODATYFGAFKVRDID 317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 13:
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COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 100.0
Matches 317; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: WA
                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-877-650-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 3
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       181 KVSLSSWYHDRGWAKISNWTFSNGKLIVNQDGFYYLYANICFRHHETSGDLATBYLQLMV 240
                                                                            241 YVTKTSIKIPSSHTLMKGGSTKYWSGNSEFHFYSINVGGFFKLRSGEEISIEVSNPSLLD 300
                                                                                                          241 YVTKTSIKIPSSHTLMKGGSTKYWSGNSEFHFYSINVGGFFKLRSGEBISIEVSNPSLLD 300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Power Macintosh
CORFUTER: Microsoft Word for Power Macintosh 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/871,856
FILING DATE: 31-May-2001
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/996,139
FILING DATE: CURKOWN->
RILING DATE: CURKOWN->
APPLICATION NUMBER: USSN 08/813,509
FILING DATE: 07 MARCH 1997
APPLICATION NUMBER: USSN 08/72,330
FILING DATE: 23 DECEMBER 1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match

100.0%; Score 1685; DB 9; Length 317;
Best Local Similarity 100.0%; Pred. No. 1.3e-155;
Matches 317; Conservative 0; Mismatches 0; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Maraskovsky, Eugene
TITLE OF INVENTION: Receptor Activator of NF-kappaB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Immunex Corporation, Law Department STREET: 51 University Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,693
REFERENCE/DOCKET NUMBER: 2851-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206)587-0430
TELEFAX: (206)233-0644
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear

MOLECULE TYPE: procein

SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-871-856-13
                                                                                                                                                                                                                                                                                                                                  Sequence 13, Application US/09871856 Patent No. US20020081720A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 317 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Anderson, Dirk M. Galibert, Laurent
                                                                                                                                                                           301 PDQDATYFGAFKVRDID 317
                                                                                                                                                                                                                  301 PDODATYFGAFKVRDID 317
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
                                                                                                                                                                                                                                                                                                                      US-09-871-856-13
                                                                                                                                                                                                                                                                                             RESULT 2
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; Sequence 22, Application US/10202062; Publication No. US20040038349A1; GENERAL INFORMATION:
                                 301 PDQDATYFGAFKVRDID 317
  301 PDQDATYFGAFKVRDID 317
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                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: human
                                                                                                      RESULT 5
US-10-202-062-22
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                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 22
LENGTH: 317
                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
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                        61 VCSVALFFYFRAQMDPNRISEDGTHCIYRILRIHENADFQDTTLESQDTKLIPDSCRRIK 120
                                                                                                                                                                                      121 QAFQGAVQKELQHIVGSQHIRAEKAMVDGSWLDLAKRSKLEAQPFAHLTINATDIPSGSH 180
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VCSVALFFYFRAQMDPNRISEDGTHCIYRILRLHENADFQDTTLESQDTKLIPDSCRRIK 120
                                                                              QAFQGAVQKELQHIVGSQHIRAEKAMVDGSWLDLAKRSKLEAQPFAHLTINATDIPSGSH 180
                                                                                                                                                                KVSLSSWYHDRGWAKISNMTFSNGKLIVNQDGFYYLYANICFRHHETSGDLATEYLQLMV 240
                                                                                                                                                                                                                                                                             241 YVIKISIKIPSSHTLMKGGSTKYWSGNSEFHFYSINVGGFFKLRSGEEISIEVSNPSLLD 300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        241 YVTKTSIKIPSSHTLMKGGSTKYWSGNSEFHFYSINVGGFFKLRSGEEISIEVSNPSLLD 300
                                                                                                                      121 QAFQGAVQKELQHIVGSQHIRAEKAMVDGSWLDLAKRSKLEAQPFAHLTINATDIPSGSH 180
                                                                                                                                                                                                                                                   241 YVTKTSIKIPSSHTLMKGGSTKYWSGNSEFHFYSINVGGFFKLRSGEEISIEVSNPSLLD 300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 MRRASRDYTKYLRGSEEMGGGPGAPHEGPLHAPPPPPAPHQPPAASRSMFVALLGLGLGG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                EXECUT. 19.289-456-79

Sequence 79, Application US/10289456

Publication No. US20040033211A1

GENERAL INFORMATION:
APPLICANT: Bachmann, Martin
APPLICANT: Spohn, Gunthar
FILE REFREENCE: 1700.0330001

FILE REFREENCE: 1700.0330001

FILE REFREENCE: 2002-11-07

PRIOR APPLICATION NUMBER: US/10/289,456

CURRENT FILING DATE: 2002-11-07

PRIOR PILING DATE: 2002-10-21

PRIOR FILING DATE: 2002-01-21

PRIOR FILING DATE: 2002-01-18

PRIOR FILING DATE: 2002-01-19

PRIOR FILING DATE: 2002-01-19

PRIOR FILING DATE: 2002-01-19

PRIOR FILING DATE: 2002-01-19

PRIOR FILING DATE: 2001-11-07

NUMBER OF SEQ ID NOS: 170

SOUTHWARE: PATENTIN VERSION 3.2
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ORGANISM: Homo sapiens
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LENGTH: 317
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NS-10-218-547-22

Sequence 22, Application US/10218547

Publication No. US2030100074A1

GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TILE OF INVENTION: Methods And Compositions For Treating Metabolic Bone Diseases;
TILE OF INVENTION: Methods And Compositions For Treating Metabolic Bone Diseases;
TILE REPRENCE: PFS-61

CURRENT FILING DATE: 2002-08-15

PRIOR APPLICATION NUMBER: 60/312,542

PRIOR APPLICATION NUMBER: 60/312,542

PRIOR APPLICATION NUMBER: 60/330,761

PRIOR PELING DATE: 2001-10-30

NUMBER OF SEQ ID NOS: 57

SEQ ID NO 22
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Best Local Similarity 100.0%; Pred. No. 1.38-155;
Matches 317; Conservative 0; Mismatches 0; Indels 0;
JENERAL INTEGRAT: Human Genome Sciences, Inc.,
TITLE OF INVENTION: Heteromultimeric TNF Ligand Family members
FILE REFERENCE: PF559
CURRENT APPLICATION NUMBER: US/10/202,062
CURRENT FILING DATE: 2002-07-25
PRIOR APPLICATION NUMBER: 60/307,838
PRIOR FILING DATE: 2001-07-27
NUMBER OF SEQ ID NOS: 42.
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TELECOMMUNICATION INFORMATION:
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Goto, Masaaki
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                                                                                                            DB 14; Length 317;
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OPERATING SYSTEM: Apple Operating System 7.5.5
SOFTWARE: Microsoft Word for Power Macintosh 6.0.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/405,878
FILING DATE: 01-Apr-2003
CLASSIFICATION: <unknown>
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ADDRESSEE: Immunex Corporation, Law Department
STREET: 51 University Street
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IITLE OF INVENTION: Receptor Activator of NF-kappaB
NUMBER OF SEQUENCES: 19
                                                                                                         Query Match 100.0%; Score 1685; DB 14; Best Local Similarity 100.0%; Pred. No. 1.3e-155; Matches 317; Conservative 0; Mismatches 0;
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APPLICATION NUMBER: US/08/996,139
FILING DATE: 22 DECEMBER 1997
APPLICATION NUMBER: USSN 60/064,671
FILING DATE: 14 OCTOBER 1997
APPLICATION NUMBER: USSN 08/813,509
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APPLICATION NUMBER: USSN 08/772,330
FILING DATE: 23 DECEMBER 1996
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NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34, 693
REFERENCE/DOCKET NUMBER: 2851-A
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MEDIUM TYPE: Floppy disk
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STATE: WA
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                       TYPE: PRT
ORGANISM: human
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US-10-405-878-13
                                                               US-10-218-547-22
LENGTH: 317
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61 VCSVALFFYFRAQMDPNRISEDGTHCIYRILRLHENADFQDTTLESQDTKLIPDSCRRIK 120
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100.0%; Score 1685; DB 14; Length 317;
Best Local Similarity 100.0%; Pred. No. 1.3e-155;
Matches 317; Conservative 0; Mismatches 0; Indels 0;
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Shima, No. US20030176647Aluyuki
Kinosaki, Masahiko
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PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: UP 97808/1997
PRIOR PILING DATE: 1997-04-15
PRIOR APPLICATION NUMBER: UP 151434/1997
PRIOR FILING DATE: 1997-06-09
PRIOR PLING DATE: 1997-06-09
PRIOR APPLICATION NUMBER: UP 217897/1997
PRIOR PILING DATE: 1997-08-12
PRIOR APPLICATION NUMBER: UP 224803/1997
                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 13:
TELEPHONE: (206)587-0430
TELEFAX: (206)233-0644
INFORMATION FOR SEQ ID NO: 13:
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                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 317 amino acids
TYPE: amino acid
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Kobayashi, Fumie
Washida, Naohiro
Takahashi, Ken
Morinaga, Tomonori
Higashio, Kanji
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TITLE OF INVENTION: No. US20030208045Alel Protein and Method for Producing the Protein EREREBECE: FUN-070
CURRENT APPLICATION NUMBER: US 2003-06-13
PRIOR FILING DATE: 1997-04-15
PRIOR FILING DATE: 1997-04-15
PRIOR FILING DATE: 1997-04-15
PRIOR PRICATION NUMBER: UP 151434/1997
PRIOR FILING DATE: 1997-06-09
PRIOR APPLICATION NUMBER: UP 217897/1997
PRIOR APPLICATION NUMBER: UP 217897/1997
PRIOR APPLICATION NUMBER: UP 224803/1997
PRIOR FILING DATE: 1997-06-09
PRIOR FILING DATE: 1997-06-12
PRIOR FILING DATE: 1997-08-12
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     PRIOR APPLICATION NUMBER: 60/134,067
PRIOR FILING DATE: 1999-05-13
PRIOR APPLICATION NUMBER: 60/132,227
PRIOR FILING DATE: 1999-05-03
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 71
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 1685; DB 14; Length 317; 100.0%; Pred. No. 1.3e-155; ive 0; Mismatches 0; Indels 0;
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Shima, No. US20030208045Aluyuki
Kinosaki, Masahiko
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Publication No. US20030208045A1
GENERAL INFORMATION:
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Morinaga, Tomonori
Higashio, Kanji
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Washida, Naohiro
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APPLICANT: Yasuda, Hisataka
                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 100.0
Matches 317; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Tsuda, Eisuke
Goto, Masaaki
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                                                                                                                                                                                                                                                                                 ORGANISM: human
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APPLICANT:
APPLICANT:
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APPLICANT: Yu, Guo-Liang
APPLICANT: Ni, Jian
APPLICANT: No. Jian
APPLICANT: Zhang, Jun
APPLICANT: Wei, Ping
TITLE OF INVENTION: Methods And Compositions For Treating Inflammatory Bowel Diseases
FILE OF INVENTION: Relating To Human Tumor Necrosis Factor-Gamma Beta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           61 VCSVALFFYFRAQMDPNRISEDGTHCIYRILRENADFQDTTLESQDTKLIPDSCRIK 120
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100.0%; Score 1685; DB 14; Length 317;
Best Local Similarity 100.0%; Pred. No. 1.3e-155;
Matches 317; Conservative 0; Mismatches 0; Indels 0;
PRIOR FILING DATE: 1997-08-21
PRIOR APPLICATION WUMBER: UP 332241/1997
PRIOR PILING DATE: 1997-12-02
PRIOR APPLICATION NUMBER: WO PCT/JP98/01728
PRIOR FILING DATE: 1998-04-15
WUMBER OF SEQ ID NOS: 19
SOFTWARE: Patentin Ver: 2.0
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CURRENT FILING DATE: 2002-12-06
PRIOR APPLICATION NUMBER: 60/336,695
PRIOR APPLICATION NUMBER: 10/226,294
PRIOR FILING DATE: 2001-12-07
PRIOR PLING DATE: 2001-08-23
PRIOR APPLICATION NUMBER: 09/899,059
PRIOR APPLICATION NUMBER: 60/314,381
PRIOR FILING DATE: 2001-08-24
PRIOR APPLICATION NUMBER: 60/316,879
PRIOR APPLICATION NUMBER: 60/216,879
PRIOR APPLICATION NUMBER: 60/216,879
PRIOR PILING DATE: 2001-07-07
PRIOR PLING DATE: 2000-07-07
PRIOR PELING DATE: 2000-07-07
PRIOR PELING DATE: 2000-07-07
PRIOR FILING DATE: 2000-07-07
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Publication No. US20030198640A1
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                                                                                                                                                                                  SEQ ID NO 11
LENGTH: 317
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121 LIINATDIPSGSHKVSLSSWYHDRGWAKISNMTFSNGKLIVNQDGFYYLYANICFRHHET 180
                                                                                                                            108 DTKLIPDSCRRIKQAFQGAVQKELQHIVGSQHIRAEKAMVDGSWLDLAKRSKLEAQPFAH 167
                                                                                                                                                                 61 DIKLIPDSCRRIKQAFQGAVQKELQHIVGSQHIRAEKAMVDGSWLDLAKRSKLEAQPPAH 120
                                                                                                                                                                                                                                            168 LTINATDIPSGSHKVSLSSWYHDRGWAKISNMTFSNGKLIVNQDGFYYLYANICFRHHET 227
                                                                                                                                                                                                                                                                                                                                                               228 SGDLATEYLQLMVYVTKTSIKIPSSHTLMKGGSTKYWSGNSEFHFYSINVGGFFKLRSGE 287
                                                                                                                                                                                                                                                                                                                                                                                                                    181 SGDLATEYLOLMVYVTKTSIKIPSSHTLMKGGSTKYWSGNSEFHFYSINVGGFFKLRSGE 240
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            48 MFVALLGLGLGQVVCSVALFFYFRAQMDPNRISEDGTHCIYRILRLHENADFQDTTLESQ 107
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                                                 1 MFVALLGLGLGQVVCSVALFFYFRAQMDPNRISEDGTHCIYRILRLHENADFQDTTLESQ 60
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84.1%; Score 1417.5; DB 10; Length 316;
Best Local Similarity 84.3%; Pred. No. 1.5e-129;
Matches 268; Conservative 16; Mismatches 31; Indels 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  / Sequence 7, Application US/09079569
/ Publication No. US20030104485A1
/ GENERAL INFORMATION:
    APPLICANT: BOYle, William J.
    TITLE OF INVENTION: OSTEOPROTEGERIN BINDING PROTEINS
/ NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIE: 91230-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/079,569
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STREET: 1840 Defavilland Drive
CITY: Thousand Oaks
STATE: California
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CLASSIFICATION:
PRICR APPLICATION DATA:
APPLICATION NUMBER: 08/842,842
FILING DATE:
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RREFRENCE/DOCKET NUMBER: P.
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
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amino acid
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Best Local Similarity
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Publication No. US20040033211A1

GENERAL INFORMATION:

APPLICANT: Bachmann, Martin

APPLICANT: Bachmann, Martin

APPLICANT: Bachmann, Martin

APPLICANT: Spohn, Gunther:

TITLE OF INVENTION: Antigen Arrays for Treatment of Bone Disease

FILE REFERENCE: 1700 033001

CURRENT APPLICATION NUMBER: US/10/289,456

CURRENT FILING DATE: 2002-11-07

PRIOR APPLICATION NUMBER: PCT/IB02/00166

PRIOR PILING DATE: 2002-01-18

PRIOR PLING DATE: 2002-01-18

PRIOR PLING DATE: 2002-01-18

PRIOR FILING DATE: 2002-01-18

PRIOR FILING DATE: 2002-01-18

PRIOR FILING DATE: 2001-01-19

PRIOR FILING DATE: 2001-01-19
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PRIOR APPLICATION NUMBER: JP 332241/1997
PRIOR FILING DATE: 1997-12-02
PRIOR APPLICATION NUMBER: WO PCT/JP98/01728
PRIOR FILING DATE: 1998-04-15
NUMBER OF SEQ ID NOS: 19
SOFWMARE: PatentIn Ver. 2.0
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                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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Matches 270; Conserv
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US-10-289-456-80
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                                                                                                                                                                                                          LENGTH: 317
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JOSIEN, VEGIS
JOSIEN, REGIS
Steinmar, Ralph
STEINMARNION: A PROTEIN BELONGING TO THE TWF SUPERFAMILY
INVOLVED IN SIGNAL TRANSDUCTION, NUCLEIC ACIDS ENCODING
METHODS OF USE THEREOF
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    179 HKVTLSSWYHDRGWAKISNMTLSNGKLRVNQDGFYYLYANICFRHHETSGSVPTDYLQLM 238
                                                                         KOAFOGAVOKELOHIVGSOHIRAEKAMVDGSWLDLAKRSKLEAOPFAHLTINATDIPSGS 179
                                                                                                     180 HKVSLSSWYHDRGWAKISNMTFSNGKLIVNQDGFYYLYANICFRHHETSGDLATEYLQLM 239
                                                                                                                                                                                                                                                      240 VYVTKTSIKIPSSHTLMKGGSTKYWSGNSEFHFYSINVGGFFKLRSGEEISIEVSNPSLL 299
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84.3%; Pred. No. 1.5e-129;
ive 16; Mismatches 31; Indels 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/017,910
FILING DATE: 14-Dec-2001
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue, 4th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/447,035
FILING DATE: 1999-11-22
ATTORNEY/AGENT INFORMATION:
NAME: JACKSON ESQ., DAVIG A.
REGISTATION NUMBER: 25,742
REFERENCE/DOCKET NUMBER: 600-1-200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
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TELEPHONE: 201-487-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 4, Application US/10017910; Publication No. US2020159970A1; GENERAL INFORMATION: APPLICANT: Choi, Yongwon Wong, Brian
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INFORMATION FOR SEQ ID NO: 4:
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COUNTRY: USA
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Best Local Similarity 84.3%
Matches 268; Conservative
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US-10-017-910-4
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METHODS OF USE THEREOF
                                                                       119 KQAFQGAVQKELQHIVGPQRFSGAPAMMEGSWLDVAQRGKPEAQPFAHLTINAASIPSGS 178
                                             180 HKVSLSSWYHDRGWAKISNMTFSNGKLIVNQDGFYYLYANICFRHHETSGDLATEYLQLM 239
                                                                                                                                240 VYVTKTSIKIPSSHTLMKGGSTKYWSGNSFFHFYSINVGGFFKLRSGEBISIEVSNPSLL 299
                                                                                                                                                              239 VYVVKTSIKIPSSHNLMKGGSTKNWSGNSFFHFYSINVGGFFKLRAGEEISIQVSNPSLL 298
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PAtentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Josien, Regis
Steinman, Ralph
TITLE OF INVENTION: A PROTEIN BELONGING TO THE TNF
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APPLICATION NUMBER: US/09/873,829
FILING DATE: 04-0un-2001
CLASSIFOATION: «Unknown»
PRIOR APPLICATION: «Unknown»
PRIOR APPLICATION: «Unknown»
APPLICATION NUMBER: 09/210,115
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Jackson E8q., David A.
REGISTRATION NUMBER: 26,742
REGISTRATION NUMBER: 26,742
REGISTRATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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ADDRESSER: Klauber & Jackson
STREET: 411 Hackensack Avenue, 4th Floor
CITY: Hackensack
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; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-873-829-4
                                                                                                                                                                                                                                                                                                                                                                     Sequence 4, Application US/08873829
Publication No. US20030185820A1
GENERAL INPORMATION:
APPLICANT: Choi, Yongwon
Wong, Brian
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INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
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COUNTRY: USA
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US-09-873-829-4
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Search completed: March 18, 2004, 06:59:09 Job time : 46 Becs
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TILE REFERENCE: BACH 10054.1
CURRENT APPLICATION UMBER: US/10/105,057
CURRENT FILING DATE: 2002-03-22
PRIOR APPLICATION NUMBER: US 60/277,855
PRIOR APPLICATION NUMBER: US 60/277,855
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin version 3.1
                                                                             60 VVCSVALFFYFRAQMDPNRISEDGTHCIYRILRLHENADFQDTTLESQDTKLIPDSCRRI 119
                                                                                                                                                            120 KOAFOGAVOKELOHIVGSOHIRAEKAMVDGSWLDLAKRSKLEAQPFAHLTINATDIPSGS 179
                                                                                                                                                                                   180 HKVSLSSWYHDRGWAKISNWTFSNGKLIVNQDGFYYLYANICFRHHETSGDLATEYLQLM 239
                                                                                                                                                                                                                                                                  240 VYVTKTSIKIPSSHTLMKGGSTKYWSGNSEFHFYSINVGGFFKLRSGEEISIEVSNPSLL 299
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                                                                                                             61 VVCSIALFLYFRAQMDPNRISEDSTHCFYRILTRLHENAGLQDSTLESEDT--LPDSCRRM 118
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                           239 VYVVKISIKIPSSHNLMKGGSIKNWSGNSEFHFYSINVGGFFKLRAGEEISIQVSNPSLL 298
1 MRRASRDYTKYLRGSBEMGGGPGAPHEGPLH-APPPPAPHQPPAASRSMPVALLGLGLGQ 59
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Best Local Similarity 84.3%; Pred. No. 1.5e-129;
Matches 268; Conservative 16; Mismatches 31; Indels 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2, Application US/10105057
Publication No. US20030013651A1
GENBRAL INFORMATION:
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LENGTH: 316
TYPE: PRT
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US-10-105-057-2
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